

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23916		Application No. 10/614,834	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Kazutoshi YASUNAGA et al.			
				Filing Date July 9, 2003		Group 2641	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AAA		5 4 4 4 8 1 6	08/22/95	ADOUL et al.			
AAA		5 7 0 1 3 9 2	12/23/97	ADOUL et al.			
AAA		6 0 5 8 3 5 9	05/02/00	HAGEN et al.			
AAA		6 0 2 9 1 2 5	02/22/00	HAGEN et al.			
AAA		6 3 0 1 5 5 6	10/09/01	HAGEN et al.			
AAA		6 5 6 4 1 8 3	05/13/03	HAGEN et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER /Angela Armstrong/				DATE CONSIDERED 10/30/2006			
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AAA		4	8	6	8	8	6	7	09/1989	DAVIDSON et al.		
AAA		5	3	0	7	4	4	1	04/1994	TZENG		
AAA		5	9	6	3	8	9	6	10/1999	OZAWA		
AAA		5	8	2	6	2	2	6	10/1998	OZAWA		
AAA		5	1	9	5	1	3	7	03/1993	SWAMINATHAN		
AAA		6	1	2	2	6	0	8	09/2000	MCCREE		
AAA		5	6	9	9	4	7	7	12/16/97	MCCREE		
AAA		5	7	3	4	7	9	0	03/31/98	TAGUCHI		
AAA		6	2	6	6	6	3	2	07/24/01			
AAA		5	1	9	5	1	3	7	03/1993	SWAMINATHAN		
AAA		6	1	2	2	6	0	8	09/2000	MCCREE		
AAA		4	8	6	8	8	6	7	09/1989	DAVIDSON et al.		
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		DOCUMENT NUMBER				DATE	COUNTRY			CLASS	SUBCLASS	TRANSLATION YES NO
AAA		6	8	4	7	0	2	11/29/95	E.P.O.			
AAA		7	7	8	5	6	1	06/11/97	E.P.O.			
AAA		2	2	8	0	2	0	0	11/16/90	JAPAN		
AAA		2	2	8	2	8	0	0	11/20/90	JAPAN		
AAA		9	1	6	0	5	9	6	06/20/97	JAPAN		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
AAA	1	Sung Joo KIM et al., "A Complexity Reduction Method for VSELP Coding Using Overlapped Sparse Basis Vectors" proceedings of the International Conference on Signal Processing Applications and Technology, XX,XX, Vol. 2, pages 1578-1582, published October 18, 1994.										
AAA	2	M.R. SCHROEDER et al., "Code Excited Linear Prediction (CELP): High Quality Speech At Very Low Bit Rates", Proc. ICASSP 1985, pages 937-940.										
AAA	3	R. SALAMI et al., "8 K Bit/s ACLEP Coding of Speech With 10 MS Speech Frame: A Candidate For CCITT Standardization", ICASSP 1994, pages II-97-II100, 1994.										
AAA	4	English Language Abstract of JP Appln. No. 2-280200.										
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AAA	8	0	0	8	7	5	3	01/12/96	JAPAN			
AAA	7	0	2	8	4	9	7	01/31/95	JAPAN			
AAA	5	1	0	8	0	9	8	04/30/93	JAPAN			
AAA	6	2	0	2	6	9	9	07/22/94	JAPAN			
AAA	9	0	3	4	4	9	8	02/07/97	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
AAA	5	Y. LINDE, et al., "An Algorithm For Vector Quantizer Design", IEEE Transactions On Communications, Vol. Com-28, No. 1, pp. 84-95, January 1980.										
AAA	6	I. GERSO, et al., "Vector Sum Excited Linear Prediction (VSELP) Speech Coding At 8 KBPS", pp. 461-464, IEEE 1990.										
AAA	7	J. IKEDO, et al., "Low Complexity CELP Speech Coder Using Orthogonalized Search of Alebraic Code", pp. 225.(with a Partial English Translation).										
AAA	8	English Langauge Abstract of JP Appln. No. 2-282800.										
AAA	9	English Langauge Abstract of JP Appln. No. 9-160596.										
AAA	1	0	English Language Abstract of JP Appln. No. 8-008753.									
AAA	1	1	English Language Abstract of JP Appln. No. 5-108098.									
AAA	1	2	English Language Abstract of JP Appln. No. 6-202699.									
AAA	1	3	English Language Abstract of JP Appln. No. 9-034498.									
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